INSTRUCTION MANUAL

HIGH IMPEDANCE PROBE

965-A

MP MASTER
MA34847

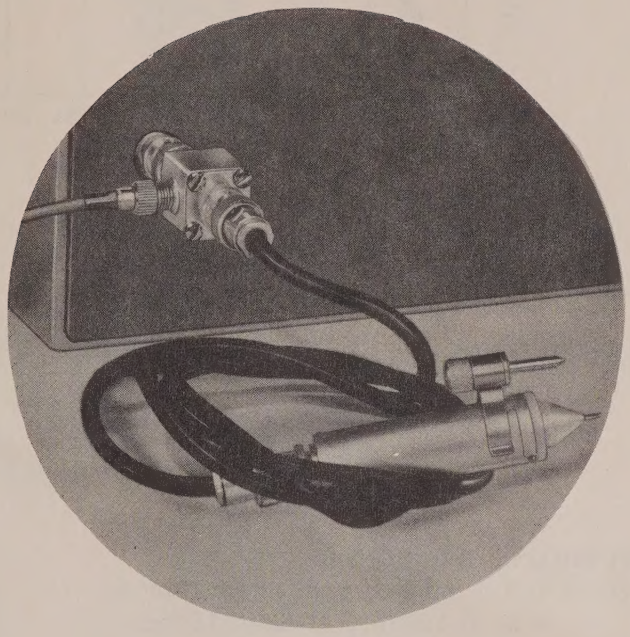
KAY ELECTRIC CO.
PINE BROOK, N. J.

KAY ELECTRIC COMPANY
Pine Brook, N. J. 07058
201-226-4000
TWX - 710-734-4347

INTER-OFFICE DATA

965-A

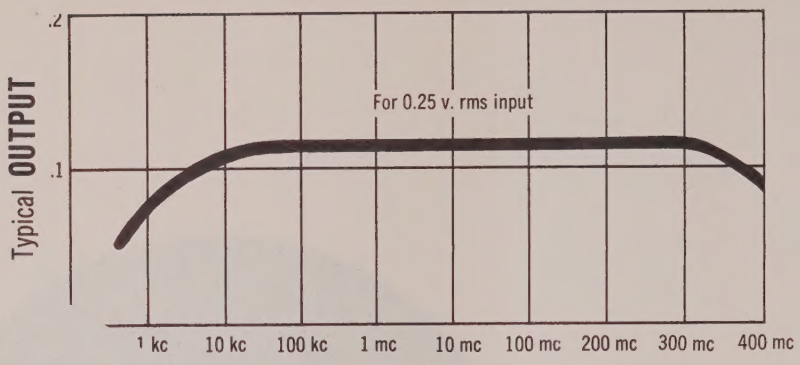
HIGH IMPEDANCE PROBE



The 965-A broad band, low-loss probe offers a high impedance connection to any 50 ohm input. It is designed particularly to operate with the Kay:

. 792-A Automatic 2 mc to 26. 5 gc NOISE TEST SET
- covers 10 to 120 mc IF
. 1025-A Logarithmic Amplifier
- covers 20 kc to 220 mc range
. 1024-A Wide Band Amplifier
- covers 1 kc to 300 mc range

Connection of these broadband, 50Ω inputs can easily be made to high impedance points in amplifiers and to the outputs of high impedance filters.



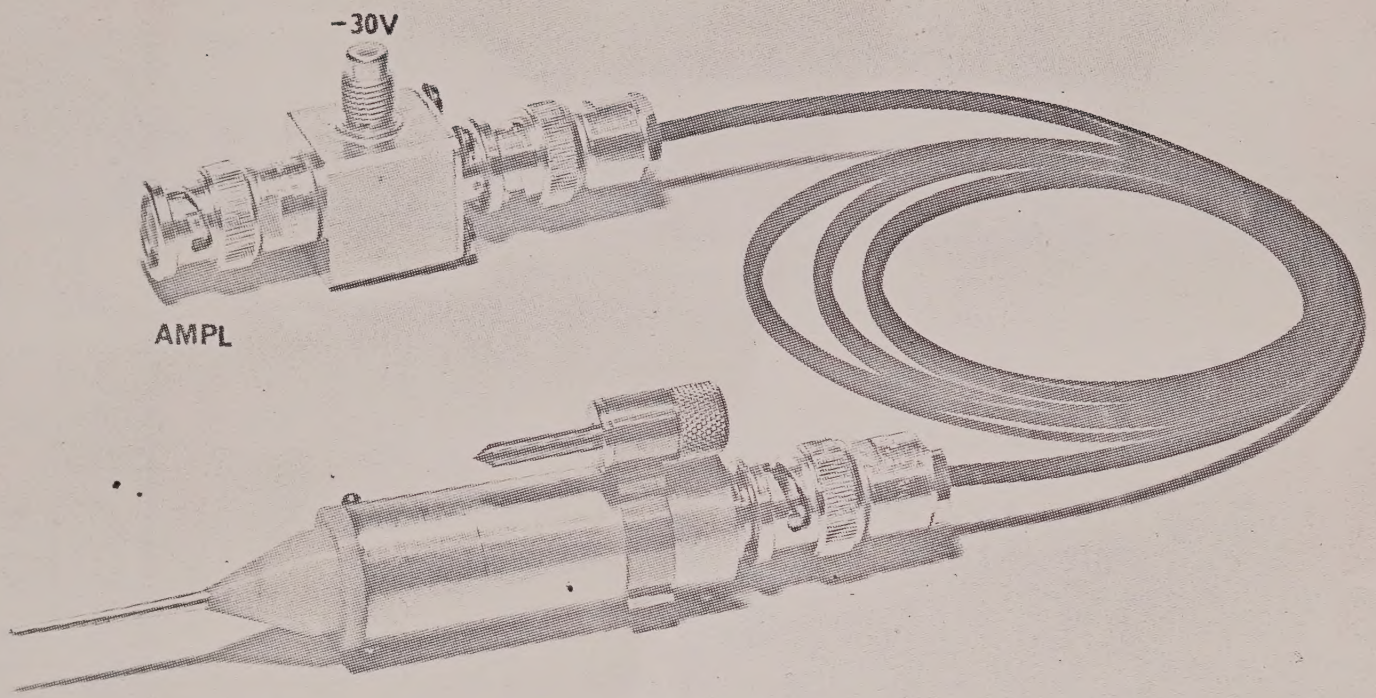
Typical Input R: 35 K at 10 mc
20 K at 100 mc
2 K at 200 mc

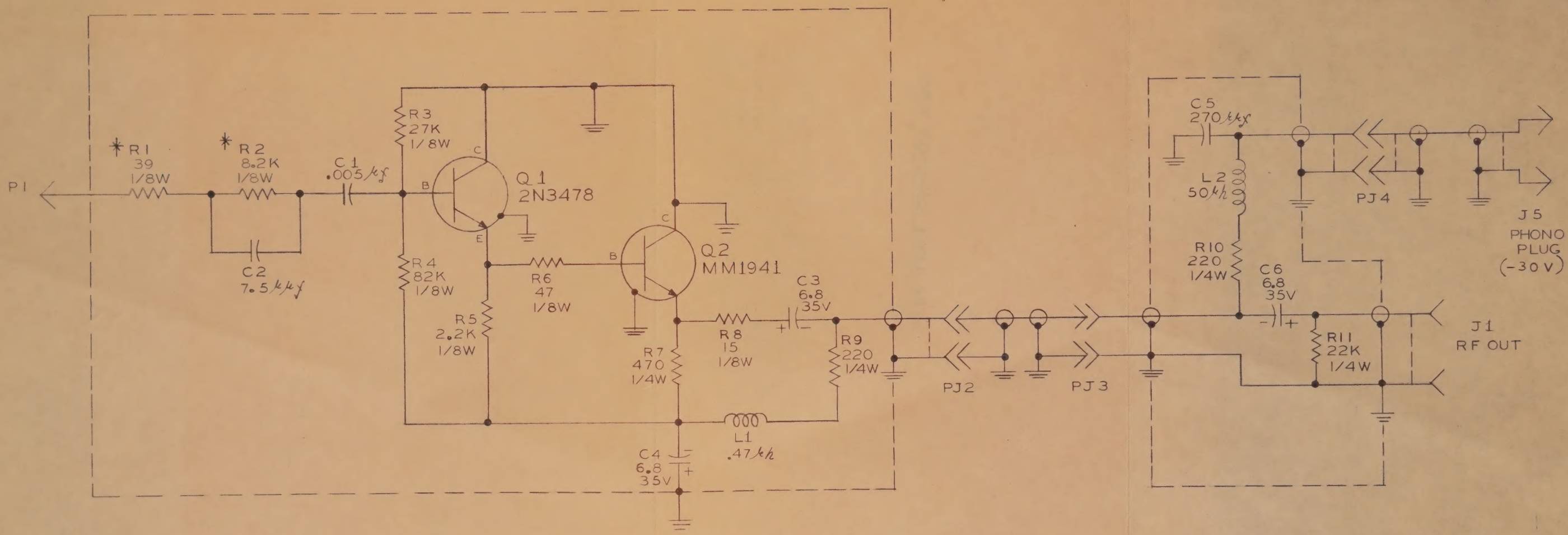
Typical Input C: 3.5 $\mu\mu$f at 100 mc
4.0 $\mu\mu$f at 200 mc

Max. Input voltage: 1.0 volt rms
For 1.0 volt input; typical attenuation is:
6 db at 100 mc, 10 db at 200 mc.

Dimensions: 3/4" dia., 3-1/2" long.

(powered by 792-A, 1025-A, or 1024-A)
If not used with these instruments, probe requires 326-A power supply


-30V
AMPL



NOTE: UNLESS INDICATED OTHERWISE
ALL RESISTANCES ARE IN OHMS
ALL CAPACITANCES IN μf
* FACTORY SELECT

SCHEMATIC — HIGH Z PROBE 965A

MAT. | FINISH: | SCALE:

TOLERANCES UNLESS OTHERWISE SPECIFIED:
DECIMAL ± .005" FRACTIONAL ± 1/64 ANGULAR ± 30 MIN.

CHANGE	DATE	APP.
"B" PCDED VALUES TO C6 - CORRECTED ~~ERRORS~~ ON CAPACITON NUMBERING.	2-22-66	

KAY ELECTRIC CO.
PINE BROOK, N. J.

DWN. BY A. RADEK DATE 2/3/66
APP. BY M. HOLLANDER DATE 2/10/66

DWG. NO. B 9440B

HIGH IMPEDANCE PROBE 965-A

CAUTION:

Do not connect or disconnect the probe cable while the multiplex unit is connected to the input of the Kay Transifier 1024A or to the input of any other amplifier. Transients might cause serious damage to transistor amplifiers.

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LOC: MM3
MAN - 08139